

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

NOTES:

1. IDENTIFY PER MPP-120.
2. MATERIAL: AISI TYPE 304 STAINLESS STEEL.
3. APPLY ANTI-SIEZE AS REQUIRED.
4. MATERIAL: P/N 601.4319 WIRE.
5. BEND 6IN LENGTH OF WIRE INTO SPECIFIED SHAPE.
6. MAKE FROM P/N 601.3825 SCREW DRIVER. BEND BLADE SHAFT TO SHAPE AND DIMENSIONS SHOWN.
7. MATERIAL: 600.0062 FOAM.
8. APPLY LABELS F/N 24 AS SHOWN.
9. FINISH IAW MPP-172: ELECTROPOLISH PER SECTION 7.0.
10. DIMENSION TOLERANCE: +/- .03.
11. ASSEMBLE 606.7804 FOAM SUB ASSEMBLY USING F/N 28 SPRAY ADHESIVE.
12. COMPLETE THE REQUIRED FIELDS ON THE TEST KIT LABEL, F/N 24:
TEST KIT P/N: 606.7803
S/N: APPLICABLE S/N
REV: CURRENT REV
OIM-5
CALIBRATE P/N 606.7801 IAW OIM-5 PRIOR TO PACKAGING WITHIN PULL CABLE TEST KIT, P/N 606.7803.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR5		N/C
N/C	INITIAL RELEASE	11-24-15	P. BRAVO
A	INCORPORATED ECN'S 05333, 05388, & 05622	12-02-16	P. BRAVO
B	INCORPORATED ECN 05995	08-20-18	P. BRAVO
C	INCORPORATED ECN 06107	10-26-18	P. BRAVO
D	INCORPORATED ECN 06143	01-08-19	P. BRAVO
E	INCORPORATED ECN 06472	05-07-20	P. BRAVO

606.7804

23

26

606.7803

1				28	606.7822	FOAM BASE UPPER	6	
1				27	600.1047	SPRAY ADHESIVE	S-22030	
1	1			26	606.7824	TOP FOAM	6	
	REF			25	OIM-5	OPERATION INSTRUCTION MANUAL		
1	1			24	600.1429	PULL CABLE TEST KIT LABEL	11	
1	1			23	601.3829	PELICAN 1060 MICRO SERIES CASE		
2				22	606.7825	FOAM BASE BOTTOM	6	
1	1			21	606.7821	TEST PULL ROD	2 8	
1	1			20	606.7820	RESET TOOL	5	
1	1			19	601.3824	HEX L-KEY 7/64"	7122A17	
1	1			18	601.3823	HEX L-KEY 3/32"	7122A16	
1			1	17	601.3822	SEALING HEX NUT	91339A120	
3	2		1	16	601.3821	SET SCREW	90291A827	
1			1	15	601.2591	SCREW	AN500-AD4-2	
1			1	14	601.3796	KEY RING		
2			2	13	601.2937	O-RING	AS568A-008	
1			1	12	606.7814	PLUNGER CAP	2 8	
1			1	11	601.3775	SPRING		
1			1	10	606.7815	PLUNGER	2 8	
1			1	9	645.6910	PULL ROD		
1			1	8	606.7810	PULL ROD HOUSING	2 8	
1			1	7	645.7710	SHROUD		
1		1		6	601.1084	O-RING	AS568A-006	
1		1		5	601.3819	WASHER	92141A009	
1		1		4	601.3868	THUMB SCREW	99607A139	
1		1		3	606.7819	CLAMP LOWER HALF	2 8	
1		1		2	606.7823	CLAMP UPPER HALF	2 8	
2	2			1	606.7818	RETAINER WIRE	4	
X	1				606.7804	FOAM SUB-ASSEMBLY		
	X				606.7803	PULL CABLE TEST KIT		
	1	X			606.7802	CLAMP ASSY		
	1		X		606.7801	PULL CABLE TEST TOOL		
.7804	.7803	.7802	.7801	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY			PARTS LIST					
NEXT ASSY (S)			ORIGINAL DATE (MO-DA-YR)		11/24/15			
NONE			DRAWN BY		J. BECKER			
			CHECKER		P. BRAVO			
			DRAWING APPROVAL		P. BRAVO			
			CONTRACT No.		11/24/15			
			UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES			
					TOLERANCES ARE:			
					2 PLACE DECIMALS ±.01			
					3 PLACE DECIMALS ±.005			
					ANGLES ± .5°			
SIZE	CAGE CODE	DWG. NO.	REV.					
B	07MZ6	606.7800	E					
SCALE NONE			SHEET 1 OF 14					

DART 3030 ENTERPRISE CT., SUITE A
VISTA, CA. 92081
(760)-724-5300
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

PULL CABLE TEST TOOL - DART VALVE

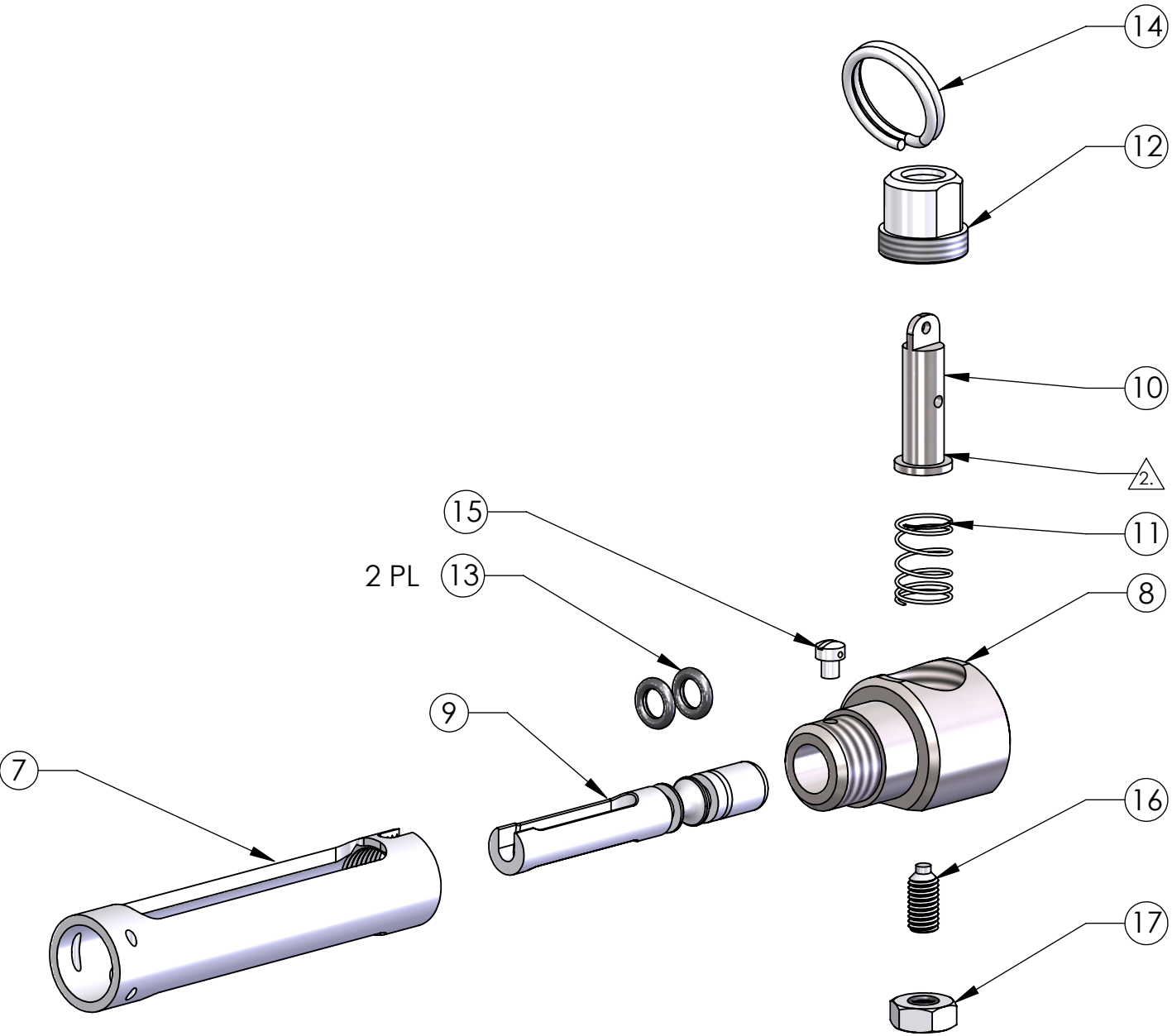
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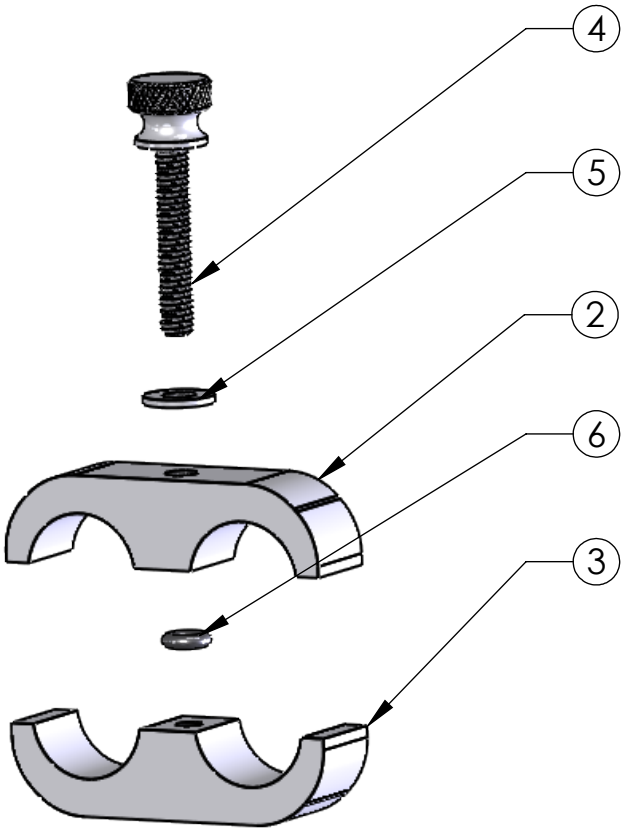
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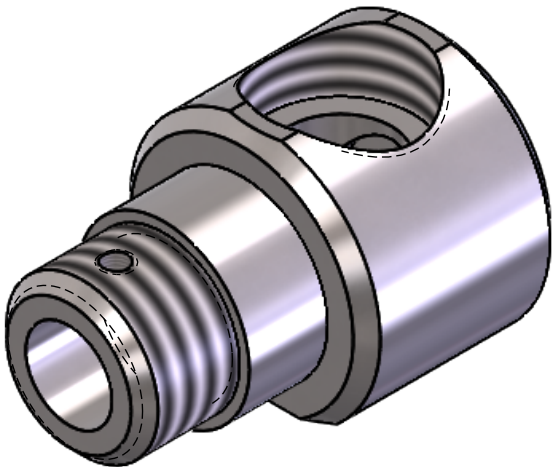
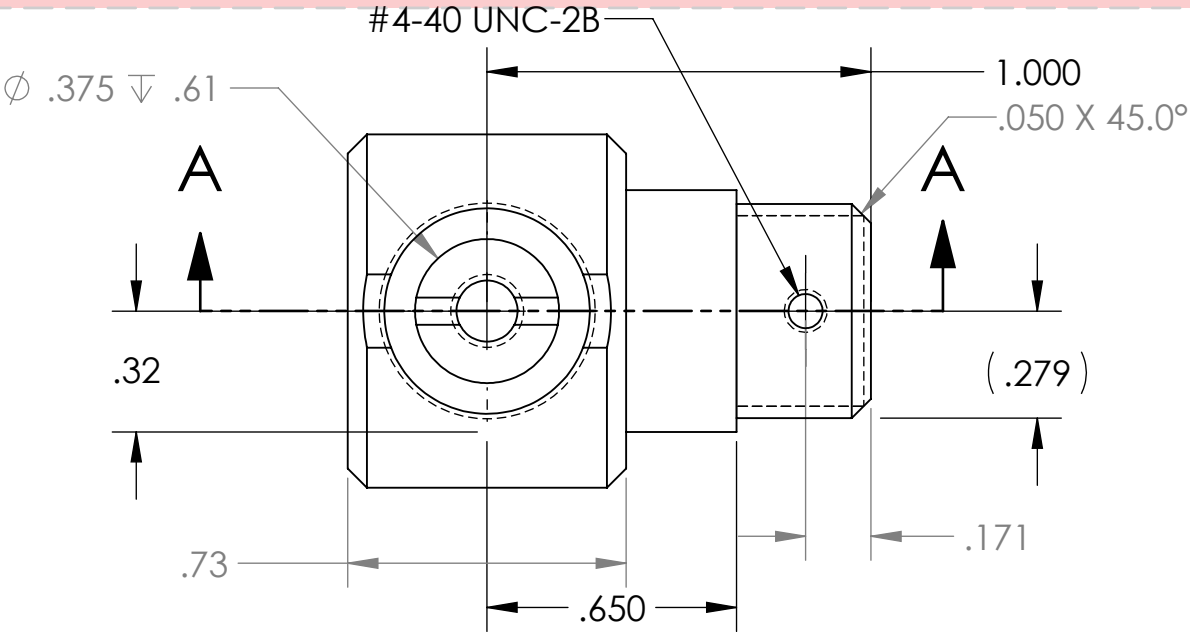
606.7801
SHOWN WITHOUT 606.7802 CLAMP FOR CLARITY



606.7802

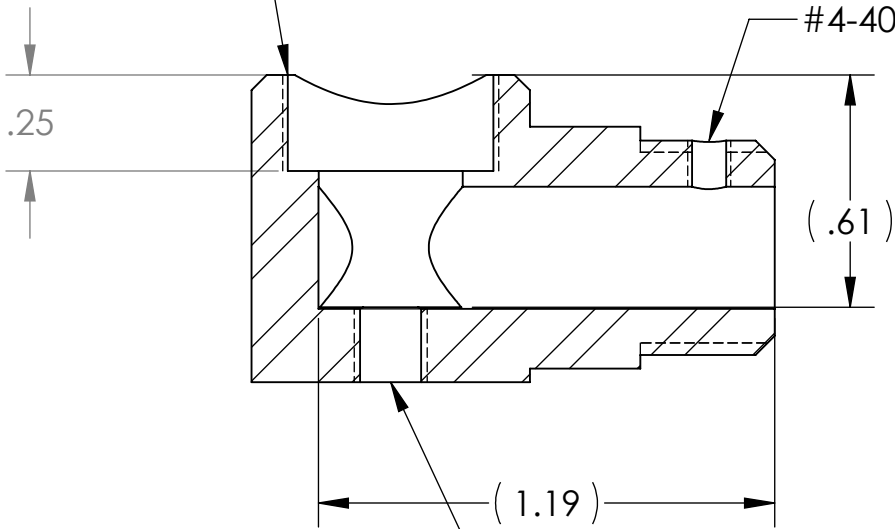
ORIGINAL DATE (MO-DA-YR) 11/24/15		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. BECKER	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 11/24/15		PULL CABLE TEST TOOL - DART VALVE			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 606.7800	REV. E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SCALE NONE		SHEET 2 OF 14	

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606.7810
PULL ROD HOUSING

9/16-24 $\nabla .140$ R.460 UNEF 2B



SECTION A-A

#10-32 Tapped Hole

#4-40 Machine Threads

$.04 \times 45.0^\circ$
2 PL

9/16-24 UNEF 2A

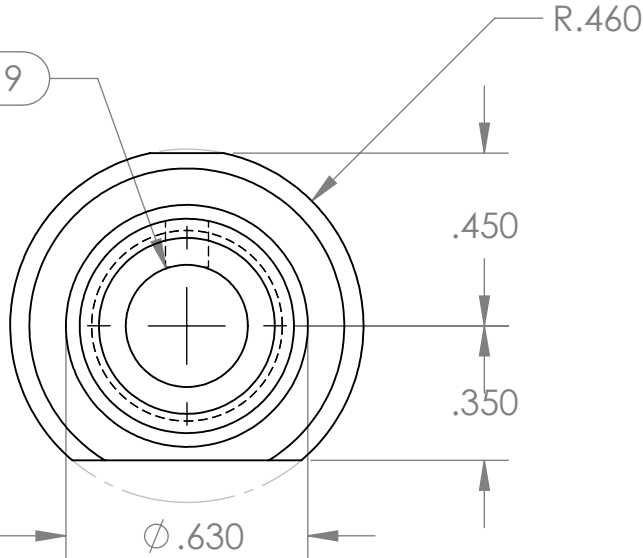
$\phi .318 \pm .003 \nabla 1.19$

$(\phi .558 \pm .003)$

1.363

.300

.350



ORIGINAL DATE
(MO-DA-YR) 11/24/15
DRAWN BY J. BECKER
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO 11/24/15
CONTRACT No.

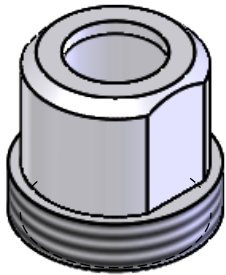
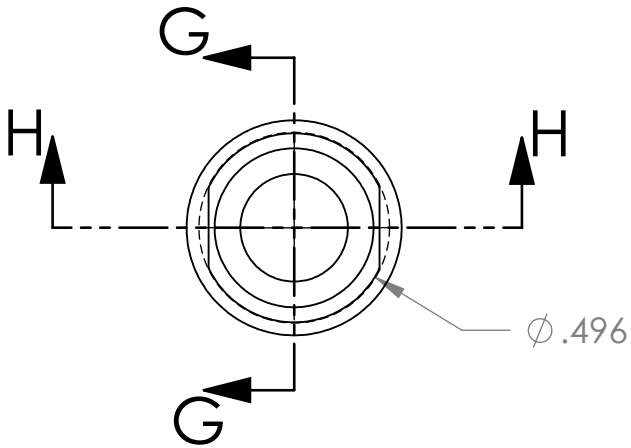
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ANGLES $\pm .5^\circ$

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APICAL INDUSTRIES, INC.
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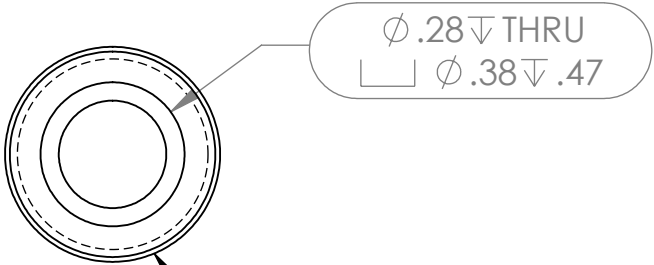
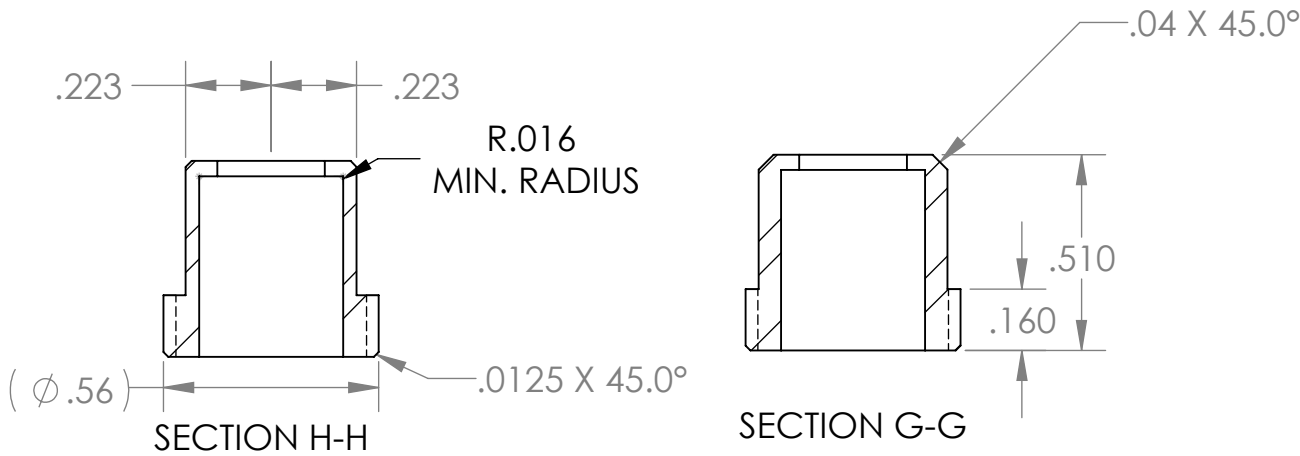
PULL CABLE TEST TOOL - DART VALVE

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	606.7800	E
SCALE NONE			SHEET 3 OF 14


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606.7814
PLUNGER CAP



9/16-24 UNEF 2A

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DRAWN BY J. BECKER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 11/24/15		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		PULL CABLE TEST TOOL - DART VALVE	
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		CAGE CODE 07MZ6	DWG. NO. 606.7800
SCALE NONE		SHEET 4 OF 14	

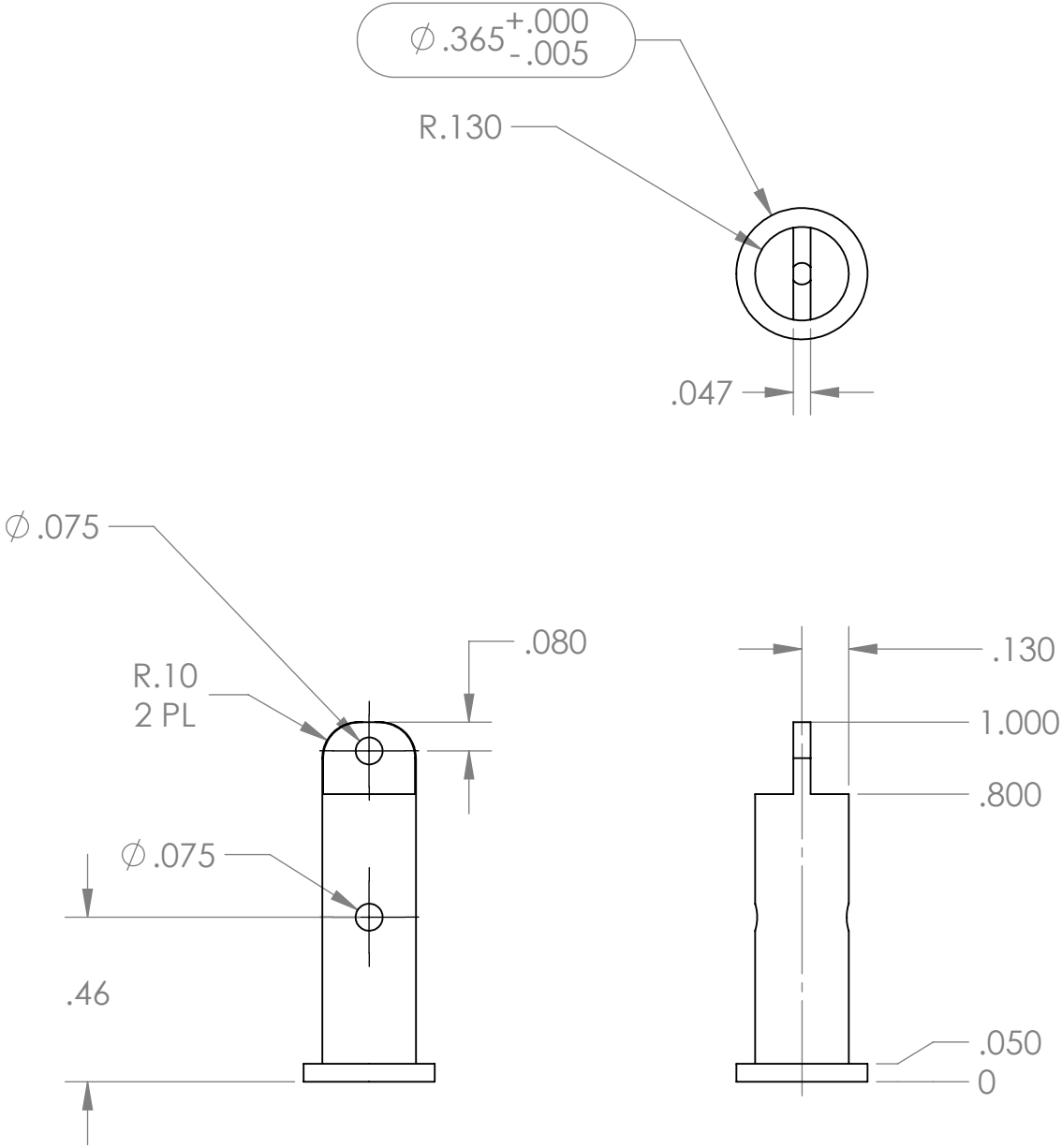
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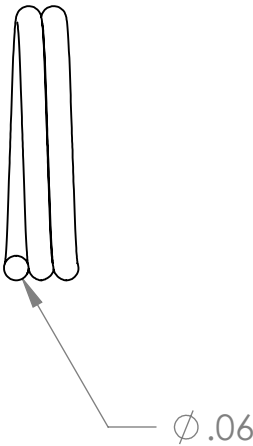
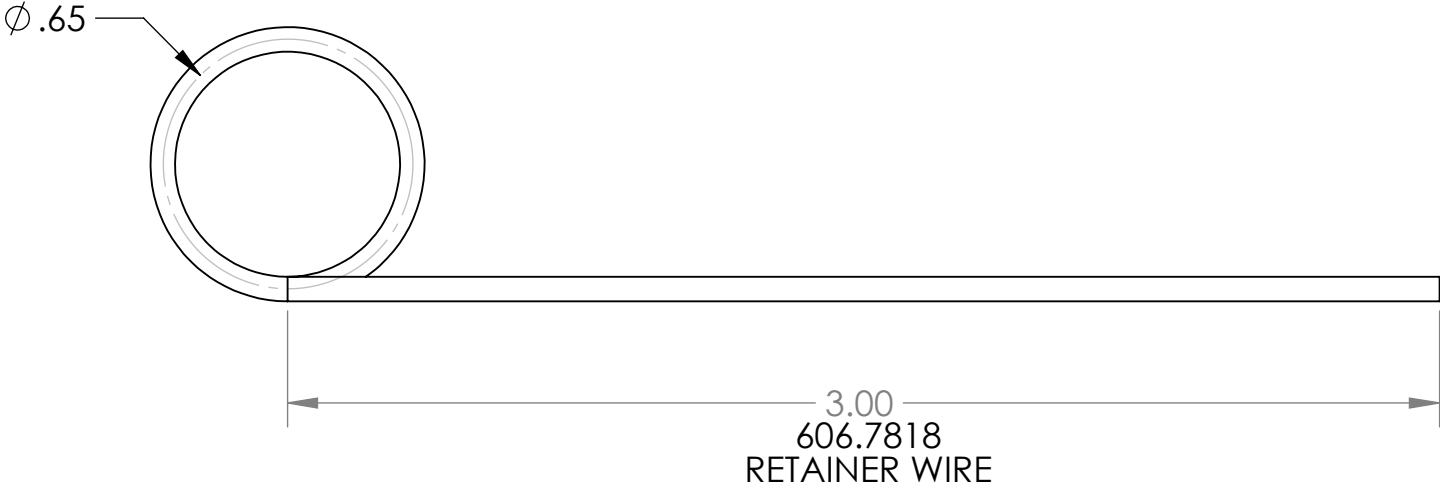
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606.7815
PLUNGER

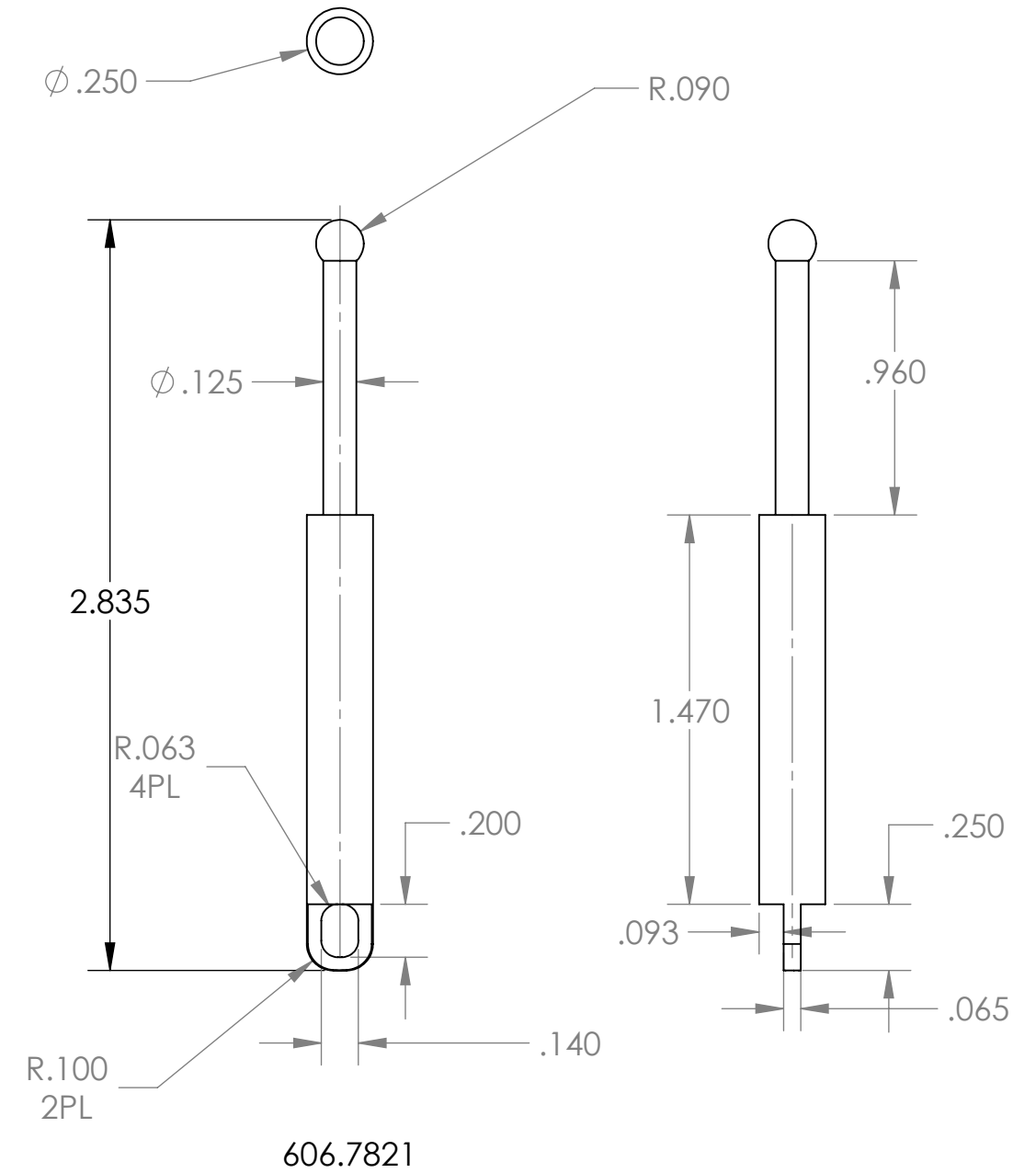
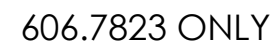
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CAGE CODE 07MZ6		DWG. NO. 606.7800	SHEET 5 OF 14
SCALE NONE			


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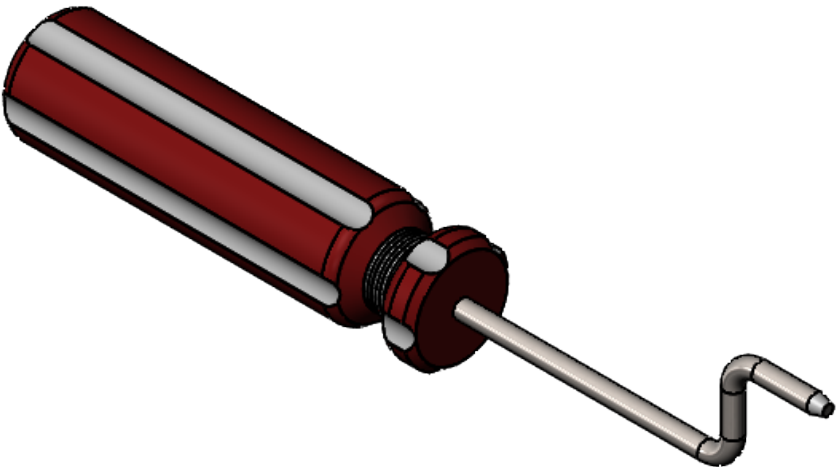
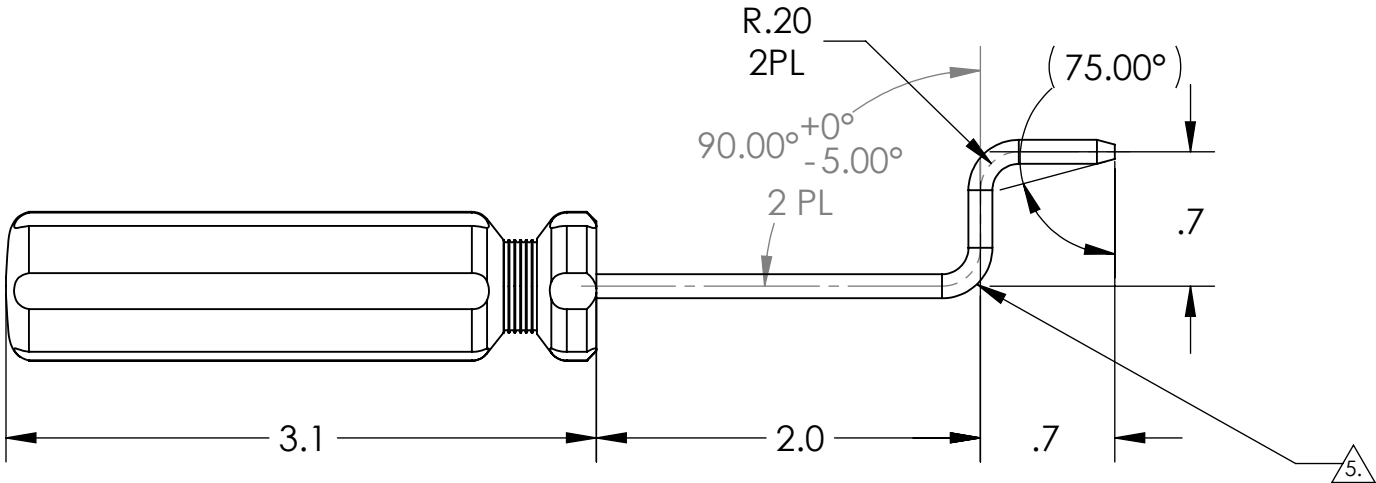
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		B	07MZ6	606.7800	E
		SCALE NONE		SHEET 6 OF 14	

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CONTRACT NO.				PULL CABLE TEST TOOL - DART VALVE			
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				B	07MZ6	606.7800	E
				SCALE NONE		SHEET	7 OF 14

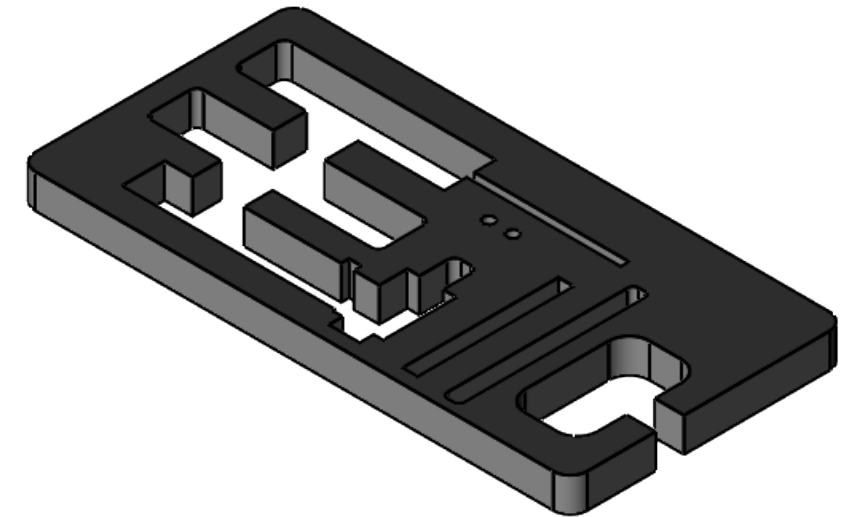
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606.7820

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DRAWING APPROVAL P. BRAVO 11/24/15		PULL CABLE TEST TOOL - DART VALVE			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 606.7800	REV. E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SCALE NONE		SHEET 8 OF 14	

D




ORIGINAL DATE (MO-DA-YR)		11/24/15		 <div> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 </div>							
DRAWN BY J. BECKER		CHECKER P. BRAVO									
DRAWING APPROVAL P. BRAVO		11/24/15									
CONTRACT No.				APICAL INDUSTRIES, INC. dba DART AEROSPACE							
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						SIZE		CAGE CODE		DWG. NO.	
						B		07MZ6		606.7800	
SCALE NONE				SHEET 9 OF 14							
REV.		E									

VIEW J-J

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ORIGINAL DATE (MO-DA-YR)		11/24/15		 DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. BECKER		CHECKER P. BRAVO			
DRAWING APPROVAL P. BRAVO 11/24/15 CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°				PULL CABLE TEST TOOL - DART VALVE	
SIZE	CAGE CODE	DWG. NO.		REV.	
B	07MZ6	606.7800		E	
SCALE NONE			SHEET 10 OF 14		

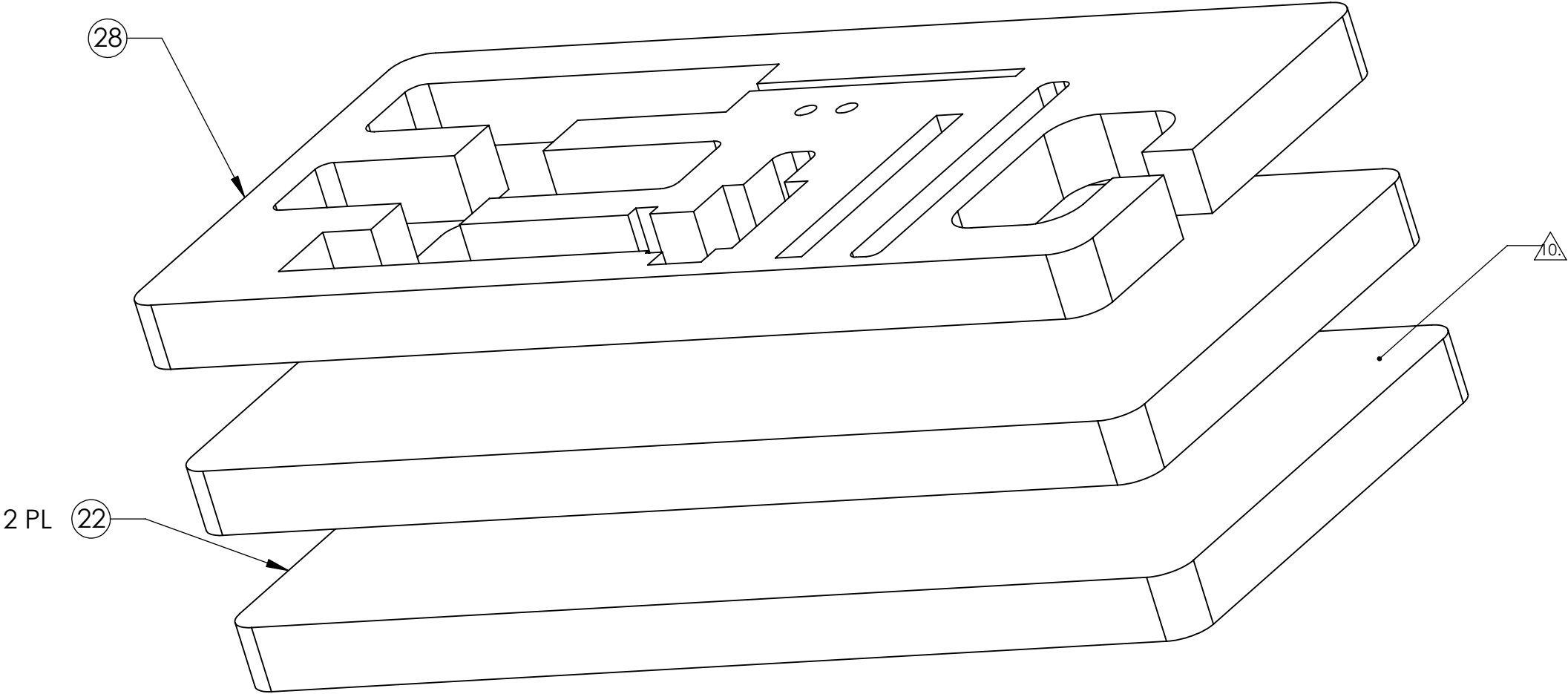
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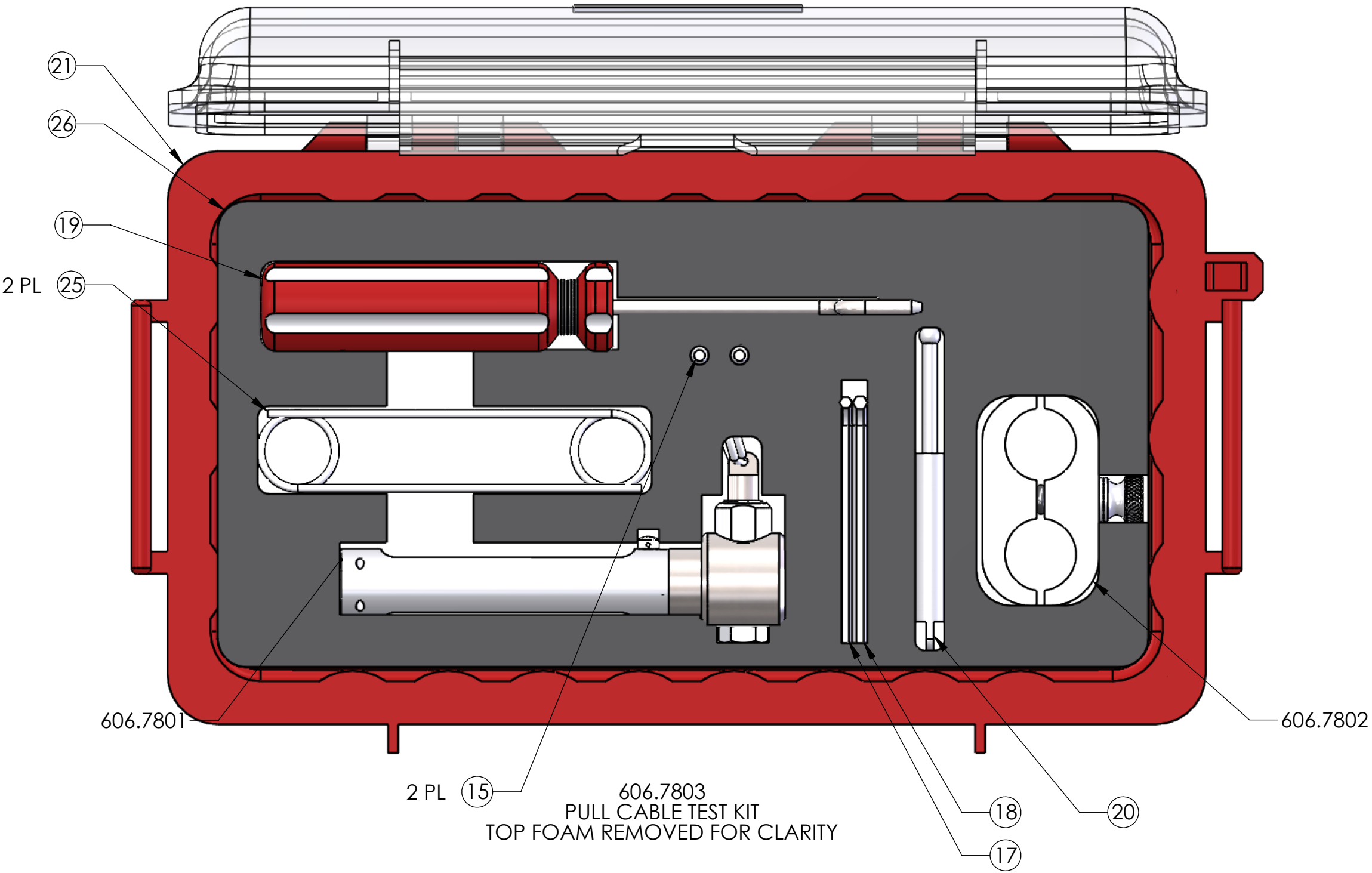
D



606.7804 FOAM SUB-ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/15		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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		B	07MZ6	606.7800	E
		SCALE NONE		SHEET 11 OF 14	

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		DWG. NO. 606.7800	SHEET 12 OF 14
		SCALE NONE	

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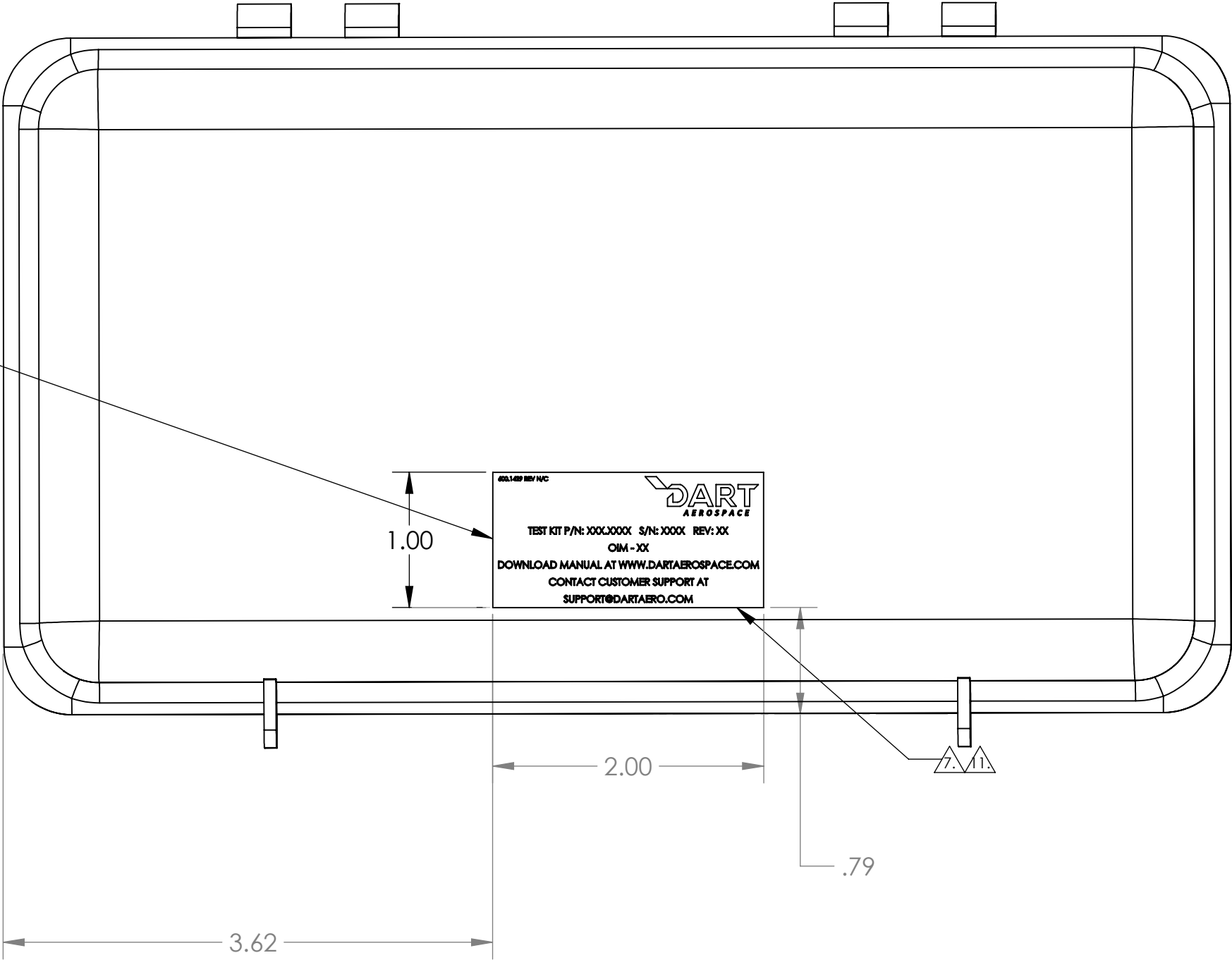
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SCALE NONE		SHEET 13 OF 14	

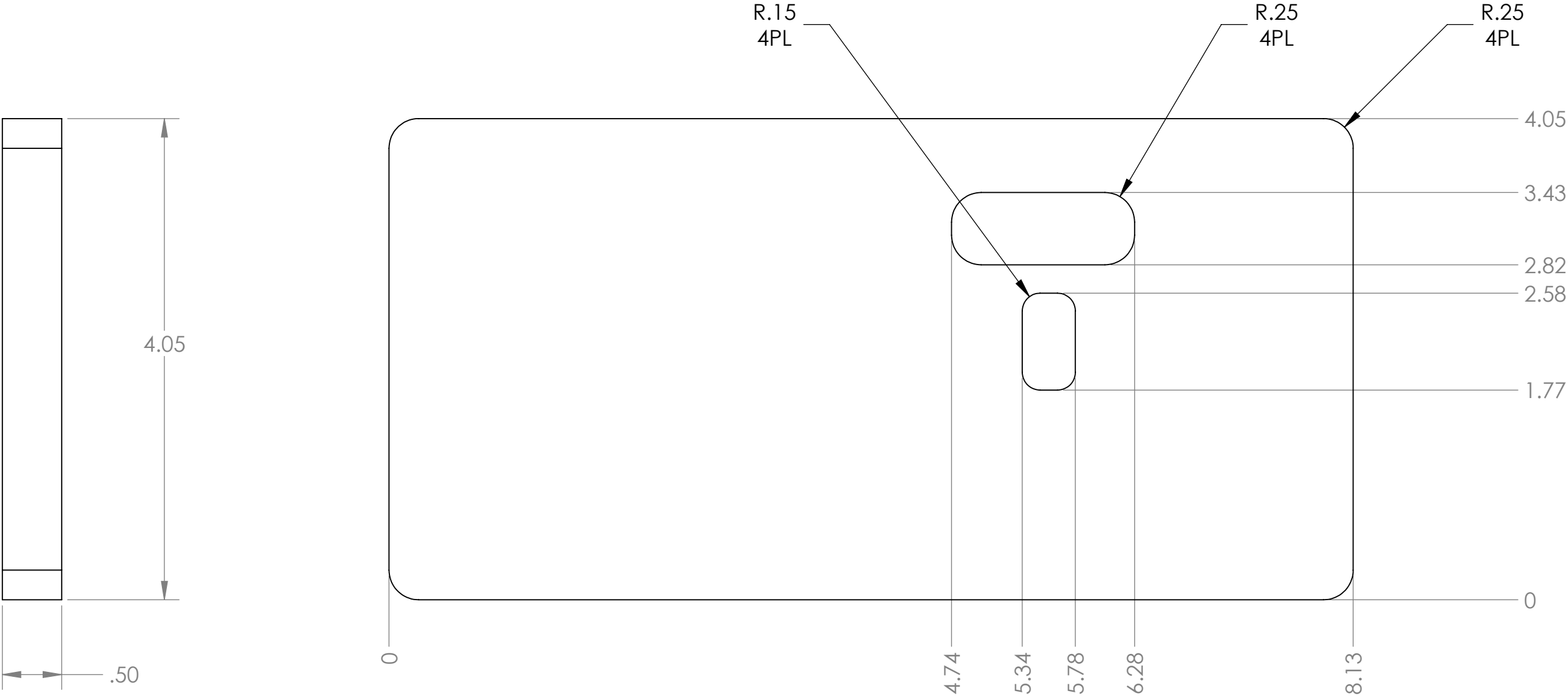
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606.7824 $\triangle 9$

ORIGINAL DATE (MO-DA-YR) 11/24/15		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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		CAGE CODE 07MZ6	DWG. NO. 606.7800
		SCALE NONE	SHEET 14 OF 14